								Atty. M# Client Ref.							
(PW FORM	•		•					DKT. NO.							
		Frademark Office													
	•	•							222222		-				
.NEODW	4 TIC	er bisoi Osii	יחב פד	'ATE!				A = =!iaamtı	0306033	~ ~ ~ ~		STM-C	03S01	22-1	<u> </u>
BY APPL		N DISCLOSU NT	HE SI	AIE	MENI			Applicant.	: Hiroaki ITAKUI	RA et a	ıl.				
		•							.: UNASSIGNE						
Date: Sept	emb	er 22, 2003	Page	Γ <u>1</u>	of	1	٦		e: September 22 : UNKNOWN			· I Init			4/81
=		OCUMENTS				<u> </u>	<u> </u>	LACHINIC	. UNKNOWN	Julo	up Art	Orn.	UNK	NOV	<u> </u>
Examiner		Document		Date		Name				Clas	s Su	·h	Teili		
s		Number			, Y YYY		Vame	of First Inv	rentor)	Cias.		ass		Filing Date	
Initials*	<u> </u>					(, , , , ,								ppropr	riate)
M	AR	5,731,952		03/1	998	Ohgami (et al.			\top	\neg		+		<u> </u>
	BR									1	\neg		+		
	CR									T			1		
	DR														
<u> </u>	ER					<u> </u>									
<u> </u>	FR	<u> </u>		ļ						I_{-}					
	GR	ļ		↓											
	HR			<u> </u>				· ··							
<u></u>	IR			ـــــ						<u> </u>					
	JR			 		<u> </u>				4	\bot				
	KR	 		┼—		 				_					
	LR	 		┼		 				 					
	MR	 		₩							+		Д_		
	NR			<u></u>		<u> </u>				<u> </u>					
FOREIGN	PATE T	ENT DOCUMEN					T.	· · · · · · · · · · · · · · · · · · ·			English Abstra			nslatio	on
<u> </u>	Document Date Number MM/Y		~~~	Coun	itry Inver		ntor Name			Abstract		Readily Available		,	
l '	'	Number	1411411								<u> </u>		 _		Ι.,
JU		8-307083	11/19	-06	+		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1				Enclos	ed No	Enc	lose	-
	PR	8-307063	11/19	90	Japar	1	Hiron	nori et al.			X	+	+		X_
	QR	 	 		+		 					-	+		⊬
	RR		+		+		+				 	+	+		├-
	SR		+				+					-+-	+		⊢
-	TR		+		 		 				 		+		⊢
	UR		+		 		 				-	+	+		\vdash
	VR		 		†		†					+	+	—	\vdash
	WR		1		1							\dashv	+-		一
	XR											\top	+		
OTHER (Ir	ıcludi	ng in this order	Author,	Title,	Period	lical Name	e. Date	Pertinen	t Pages, etc.)			-	+		-
	YR						-							-	
	ZR											\dashv	+-		_
	AAR											\top	+		
	BBR											\top	+		
	CCR											\top	+		一
	DDR											\top			
Examiner	in	sullmon						Date Cons	sidered: 5/20	105					
*EXAMINE		Initial if citation c	onsidere	d, who	ether or	not citation	n is in d	conformanc	e with MPEP 6 60	9 Drav	w line t	hroug	h citat	ion if	f
not in contor	manc	e and not conside	<u>ered. Inc</u>	:lude c	opy of	this form w	ith nex	t communic	ation to Applicant	<u></u>					

			∜/											
Form PTO 1449 (Modified)		U.S. DEPARTMENT	OF COMMERCE ADEMARK OFFICE	ATTY DOCKET NO. 243045US3CIP	SERIAL NO.									
		MAUCE		243045US3CIP 10/664,921 APPLICANT										
LIST OF	REFE	RENCES CITED BY A	APPLICANT	Norihiko AZE, et al.										
				FILING DATE		GROUP								
				September 22, 2003		0.100.								
				U.S. PATENT DOCUMENTS										
EXAMINER	Γ	DOCUMENT			FILING DATE									
INITIAL	_	NUMBER	DATE	NAME	CLASS	SUB CLASS	IF APPROPRIATE							
	AA													
	AB	-				ļ								
<u> </u>	AC													
	AD					L								
	AE													
<u> </u>	AF	ļ												
	AG	<u> </u>				<u> </u>								
	AH	<u> </u>												
	Al													
	AJ													
	AK													
	AL													
	АМ													
	AN				1									
			FO	REIGN PATENT DOCUMENTS	<u></u>									
		DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION - YES NO								
Hl	AO	10-198201	07/31/1998	JAPAN (with English Abstract)			X							
-	AP						-							
	AQ				-									
	AR													
	AS													
	AT													
	AU													
	AV				1									
		OTHER F	REFERENCES (Including Author, Title, Date, Pertiner	nt Pages, et	c.)								
	AW													
	AX													
	AY													
	AZ				Addit	ional Refer	rences sheet(s) attached							
Examiner	lim	The Stari	mds			sidered 5	-/. / -/							
*Examiner: Ini	tial if re	eference is considered	whether or not	citation is in conformance with MPEP 6 with next communication to applicant.										
		Toomordor od: moduce o	DPY OF BILS TOFFIT	with flext continunication to applicant.										

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office								Atty. Dkt. No.	M#				Client	Ref.		
	A.T.O	N 51661 6611	DE OT	BEE	Ze	100		Annline		8312-030603			T5TN	N-03	SA122-	1
BY APPI		N DISCLOSU	RE SI	AIE	VIENT			Applican	τ: 11	AKURA et al.	i					
								Appln. No	o.: '	10/664,921						
					_		_	Filing Da	te: S	September 22	, 2003	3				
Date: Apri	17, 20	005	Page	1_	of	1		Examine	r: Uı	nassigned	Gro	up A	Art Ui	nit: L	Inassigi	ned
U.S. PATI	NT C	OCUMENTS		,				_								
Examiner ⁴		Document		Date		Name					Clas		Sub		Filing	
s		Number		MM/	YYYY	(Family N	(Family Name		vent	or)		-	Class	3	Date	
Initials*	100		-			ļ		· · · · · · · · · · · · · · · · · · ·	_		+-	-			(if approp	nate)
	AR BR					 					 					
	CR	 		 							╁	┰┤				
	DR			 							+				 	
	ER										+	\dashv				
	FR										\vdash				†	
	GR									*.0%	 				1	
	HR										 					
	IR															
	JR	·													İ	
	KR									7.00	1	\neg				
	LR															
	MR															
	NR															
FOREIGN	PAT	ENT DOCUMEN	ITS									Engl			Translat	ion
		Document	Country			Inventor Name		;			Abst	tract		Readily Available	e	
		Number	MM/Y							-						
	<u> </u>									·		End	osed	No	Enclose	No
LE	OR	JP 3-93087 A	04/19	91	Japar)	ARIG	A et al.				x				
	PR				ļ		<u> </u>								!	
	QR		ļ				<u> </u>					<u> </u>				↓_
	RR		ļ		 		ļ					<u> </u>			ļ	ــــــــــــــــــــــــــــــــــــــ
	SR		+		 		<u> </u>					-				╄
	TR	<u> </u>	 				-		_			_				┼
	UR		 				-					├				
	VR				<u> </u>		-		\dashv							┼
	WR XR		 		 		 					 				₩
OTUED (<u> </u>			<u> </u>										<u> </u>	丨
JAL		ng in this order										ł			i	
000	YR ZR	Chinese Office	Action	dated	March	4, 2005 to	or App	oln. No. 03	3160	0177.4	-					┼
	AAR									- -					<u> </u>	╀
	BBR							 								╁
	CCR															╁
	DDR									<u> </u>		 				\vdash
Examiner	Tisa	10	. 201	es		=		Date Con	ej.d.	ered: 5/26	1				<u> </u>	Ц
*EXAMINE		Initial if citation co			ther or	not citation						ما بد	o theo		oitetic - 1	
		e and not conside	ered. Inc	lude c	opy of t	his form w	ith nex	t communi	catio	on to Applicant.	o. Dia	** 1111		rugri	Citation	.1

PAT-1449 12/98

(PW FORM	partn PAT-	ent of Commerce		Atty. Dkt. No.	Control of the second	306033			nt Ref						
INFORMA BY APPL		N DISCLOSURE	Applicant: ITAKURA, Hiroaki et al.												
DI APPL	CAN	• 1						Appin. No	o.: 10/664,	921					
								Filing Dat	e: Septem	ber 22,	2003				
Date: April 22, 2005 Pag				1	of	1.		Examiner		oup Art Unit:					
U.S. PATE	NT D	OCUMENTS:						到 题的看							
U.S. PATIENTIDOCUMENTS: Examiner' Document s Number Initials*			Date		Name (Family Name of F		of First Inv	of First Inventor)		Class	Sul Cla		Filing Date (if approp	riate)	
	AR										<u> </u>				
ļ <u>.</u>	BR	. <u>-</u> .												<u> </u>	
	CR			· · ·		<u> </u>		•	_					 	
<u> </u>	DR ER									-	 	 			N
	FR										-	_			
	GR	· · · · · · · · · · · · · · · · · · ·		-		ļ		<u> </u>						 	
	HR														
	IR														
	JR		•												
	KR													ļ	
	LR											_		 	
	MR					<u> </u>			·			<u> </u>	<u>.</u>		
	NR		Distriction.		hire cates		rei anve			water had	anama	<u> </u>		<u> </u>	
FOREIGNIPATIENTEDOCUMENTIS					Coun			ntor Name				English Abstrac	t	Translat Readily Available	е
100					[- 	Enclose	d No	Enclose	No
30			09/1		Japar		SUZ					X		<u> </u>	┼
24	PR_	JP 08-212767 A	08/1	996	Japar	ר	KUD	l et al.				X	+	+	+
<u> </u>	QR RR .				<u> </u>								╁	├	╁
	SR		i –		 		-		_			•	+	 	+
	TR											·	1	1	T
	UR													 	T
	VR									-					T
	WR														
	XR														
OTHER (In	cludi	nglin this order Au	thor,	Title	Reriod	ical Name	Date	e: Pertiner	it Pages e	ici)					
228	YR	Japanese Office											\perp		
	ZR												1.	ļ	$oldsymbol{\perp}$
	AAR												\perp		$oldsymbol{\perp}$
	BBR													<u> </u>	+
	CCR					·						···		-	╀
	DDR							T						<u> </u>	<u></u>
*EXAMINE	R:	Initial if citation considered	sidere	d, whe	ether or	not citation	n is in	conforman	sidered: 5	EP § 609		w line t	hrough	citation	if